



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION of  
CLARKIN et al.

Confirmation No. 1204

Appln. No.: 09/771,569

Group Art Unit: 1639

Filed: January 30, 2001

Examiner: M. Tran

Title: DRAWN MICRO CHANNEL ARRAY DEVICES (As Amended)

\* \* \* \* \*

November 20, 2002

TECH CENTER 1600/2320

NOV 25 2002

RECEIVED

1A  
V03  
128

**PRELIMINARY AMENDMENT AND RESPONSE TO RESTRICTION  
REQUIREMENT AND ELECTION OF SPECIES**

Hon. Commissioner for Patents  
Washington, D.C. 20231

Sir:

Responsive to the Office Action dated October 30, 2002, the following  
amendments and remarks are made.

IN THE TITLE:

Please amend the title as follows:

A 2

DRAWN MICROCHANNEL ARRAY DEVICES

See the attached Appendix for changes made to effect the above title.

IN THE CLAIMS:

Please enter amended claims 3-7 as follows:

3. (Amended) A device as in claim 1, further comprising at least one endcap  
substrate having at least one endcap channel, the at least one endcap channel being in  
fluid communication with at least one channel selected from the group comprising: a  
selected one of the drawn channels, a plurality of the drawn channels, another endcap  
channel and combinations thereof.

11/21/2002 SSESHE1 00000015 033975 09771569

01 FC:2202

72.00 CH

A 2  
Sub B2

Inventor(s): CLARKIN et al.

Appln. No.: 09

771,569

Series Code. ↑

Serial No. ↑

Filed: January 30, 2001

Hon. Commissioner of Patents  
Washington, D.C. 20231

Group Art Unit 1639

Examiner: M. Tran

Atty. Dkt. P 0277116

M#

Client Ref

Appln. Title: DRAWN MICROCHANNEL ARRAY  
DEVICES (As Amended)

Sir:

**REPLY/AMENDMENT/LETTER**

Date: November 20, 2002

This is a reply/amendment/letter in the above-identified application and includes the herewith attachment of same date and subject which is incorporated hereinto by reference and the signature below is treated as the signature to the attachment in absence of a signature thereto.

**FEE REQUIREMENTS FOR CLAIMS AS AMENDED**

1. Small Entity claim

- A. ☐ NOT made  
B. ☐ Withdrawn  
C. ☐ made herewith  
D. ☒ made previously

For B & C  
See **Required  
Separate Paper**  
(Pat-256)

Claims remaining after amendment	Highest number previously paid for	Present Extra	Large/Small Entity	Additional Fee	Fee Code Lg/Sm
2. Total Effective Claims	55	**minus 47	8	x \$18/\$9 = + \$72	103/203
3. Independent Claims	3	***minus 4	0	x \$84/\$42 = + \$0	102/202
4. If amendment enters proper multiple dependent claim(s) into this application for first time (leave blank if this is a reissue application) .....				add + \$280/\$140 = + \$0	104/204
5. Original due Date: November 30, 2002		<input type="checkbox"/> NONE			
6. Petition is hereby made to extend the original due date to cover the date this response is filed for which the requisite fee is attached		(1 mo) \$110/\$55 = (2 mos) \$400/\$200 = (3 mos) \$920/\$460 = (4 mos) \$1,440/\$720 = (5 mos) \$1,960/\$980 =	+ \$0		115/215 116/216 117/217 118/218 128/228
7. Enter any previous extension fee paid since above original due date and subtract				- \$0	
8. Extension Fee				+ \$0	
9. If Terminal Disclaimer attached, add Rule 20(d) official fee .....				+ \$110/\$55 + \$0	148/248
10. If IDS attached requires Official Fee under Rule 97 (c), .....				+ \$180	126
or if Rule 97(d) Request .....				+ \$180	126
11. After-Final Request Fee per rules 129(a) and 17(r) .....				+ \$740/370	146/246
12. No. of additional inventions for examination per Rule 129(b).....				x \$740/370 ea	+ \$0 149/249
13. Request for Continued Examination (RCE) .....				+ \$740/370	+ \$0 1179/1279
14. Petition fee for .....				+ \$0	
15. TOTAL FEE =				\$72	
16. *If the entry in this space is less than entry in next space, the "Present Extra" result is "0".					
17. **If the "Highest number previously paid for" in this space is less than 20, write "20" in this space.					
18. ***If the "Highest number previously paid for" in this space is less than 3, write "3" in this space.					

**PLEASE CHARGE  
OUR DEP. ACCT**

Our Deposit Account No. 03-3975)

(Our Order No. 081295 0277116

C#

M#

**CHARGE STATEMENT:** The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficiencies only) now or hereafter relative to this application and the resulting Official Document under Rule 20, or credit any overpayment, to our Accounting/Order Nos. shown above, for which purpose a duplicate copy of this sheet is attached.

This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal sheet is filed.

Query: Is appeal deadline now? If so, file Notice of Appeals separately.

Pillsbury Winthrop LLP  
Intellectual Property Group

By Atty: Robert C. Perez

Reg. No. 39,328

P.O. Box 10500

McLean, VA 22102

Tel: (703) 905-2000

Sig:

Fax: (703) 905-2500

Tel: (703) 905-2159

Atty/Sec: RP/JMS

**NOTE: File this cover sheet in duplicate with PTO receipt (PAT-103A) and attachments**